Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 28 Jan 2022 until 23:59 on Saturday 29 Jan 2022

Forecast Issued on Friday 28 Jan 2022 at 02:14

Confidence: High for changeable, and often windy, conditions throughout the period. Lower confidence for track and timings of weather systems moving east over the United Kingdom.

Headline for Friday 28 Jan 2022: Mainly dry but cloud increasing and winds becoming strong on the tops.

Mountain weather hazards on Friday 28 Jan 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Fog	Fog	Fog	Drizzle
Precipitation probability					
<05%	<05%	20%	30%	30%	60%

Forecast for Friday 28 Jan 2022

Weather: A bright start then cloud will increase through the morning. Outbreaks of light rain or drizzle through the afternoon and evening with some fog on the tops. Feeling cold with strengthening winds.

Chance of cloud-free hill tops above 800m: 60% at first then becoming 20% by the afternoon, best chance in the east.

Low cloud and visibility: Patchy fog down to valley level at first. Extensive cloud and fog developing above 500 or 600m but patchier cover over eastern fells. Away from cloud, mainly good in the morning but becoming hazy, especially in outbreaks of rain or drizzle. Cloud lowering to 300 or 400m in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 28 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/24 SW	27/33 SW	34/43 SW	36/45 SW	34/43 SW	33/41 SW	32/41 SW
600	14/17 SW	24/31 SW	30/40 SW	27/37 SW	29/39 SW	25/34 SW	26/36 SW
300	3/16 SW	8/24 SW	13/32 SW	11/31 SW	11/32 SW	10/30 SW	10/30 SW
Valley	1/10 SW	6/21 SW	12/27 SW	10/26 SW	11/28 SW	11/27 SW	11/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-5	1/-6	2/-6	2/-5	3/-4	4/-3	4/-2
600	2/-2	3/-4	4/-3	4/-2	5/-1	5/-0	6/0
300	4/3	4/1	5/2	6/2	6/3	7/4	7/4
Valley	5/4	6/4	7/4	8/5	8/5	8/6	8/6
Freezing Level*	900m	1000m	1200m	1500m	2000m	2000m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant wind chill, especially when up in the low cloud and in the afternoon as winds strengthen. Gusts of 50mph on exposed ridges and summits late in the day.

Forecast for Saturday 29 Jan 2022

Weather: Cloudy overnight and to start the morning with outbreaks of rain, falling as snow above 700m for a time. Becoming drier and brighter from the northwest with sunny spells by the afternoon. Very windy with difficult conditions in the morning but easing through the afternoon. Feeling very cold in the wind.

Maximum wind: West or Northwest 40-50mph with gusts 70mph in the morning, gradually easing to 20-30mph, gusts 45mph in the afternoon.

Chance of cloud-free hill tops above 800m: 20% at first, becoming 90% during the morning.

Low cloud and visibility: Extensive cloud above 600m at first with patches on lower slopes but this will lift and break through the morning. Excellent visibility in the afternoon.

Temperature: **Valleys:** Plus 9 Celsius in morning, falling to 6 Celsius in afternoon.
At 800m: Plus 3 Celsius in the morning, falling to 0 Celsius in afternoon.
Freezing level: Above summits, lowering to 900m in morning then 600m in afternoon.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 27 January 2022 Location: Scafell Pike summit - 977m at 11:50 Full report: Ascended Scafell Pike today to ascertain whether any of Wednesday night/Thursday morning's precipitation had fallen as snow at altitude; it hadn't!! Thus, the vast majority of both the Lakeland Fells and paths remain free from snow right up to and including summit level. On Scafell Pike very little snow was encountered at all; the few patches of old, hard icy snow on paths were extremely easy to avoid. More of a hazard was the strength of the wind combined with the damp, slippery rocks. A very few of which (definitely the exception) had patches of verglas (thin ice) on them but walkers out on the high fells on Friday should be prepared to encounter more ice if there is an overnight frost at altitude. Compared with Scafell Pike, Helvellyn has noticeably more patches of both ice and some old hard icy snow which has been present for weeks now and has undergone several thaw/freeze cycles. This snow can be found in sheltered spots and hollows and on east and north facing aspects above 700m, with the vast majority being above 850m. Owing to both the altitude and location of these snow patches, most have not thawed at all in the past fortnight or done so incredibly slowly if they have. Thus walkers out on the high fells and attempting, or traversing, steep north and east facing aspects on Helvellyn (such as the exits to both Striding and Swirral Edges) should be prepared and equipped to encounter hard, icy snow with ice axe and crampons or microspikes. Cornices remain over steep N and E facing slopes. Although small they should be avoided, so please keep well away from such edges and advise those with less experience to do likewise especially in poor visibility. Despite the milder valley temperatures, the summit windchill (what the temperature feels like) was a biting minus 10 degrees, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass - are all essential for anyone venturing out onto the high fells. Temperature: plus 0.5 C, Maximum wind speed 45.9 mph, Wind chill: minus 10 C, Average wind speed: 34.2 mph.

Issued at: 02:14 on Fri 28 Jan 2022

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